

Appl. No. 09/906,995

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AMENDMENTS TO THE CLAIMS:

The following listing of claims replaces all prior listings of claims in the present application.

What Is Claimed Is:

1. (Previously Presented) A system for performing a mileage service depending on a distance traveled by a vehicle, comprising:

a boarding reservation terminal;

a boarding acceptance terminal;

a boarder information database device;

a mileage information database device; and

a corporation vs. individual relationship information database device;

wherein each of the devices and terminals is connected to each other device and terminal by a communication link;

wherein said boarding reservation terminal includes means for accepting a boarding reservation and means for transmitting boarding reservation information;

wherein said boarding acceptance terminal includes means for accepting a boarding information and means for transmitting boarding acceptance information to said boarder information database device;

wherein said boarder information database device comprises:

a boarder information database,

means for receiving said boarding reservation information transmitted from said boarding reservation terminal,

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means for asking said mileage information database device for customer attributes with respect to at least the mileage service of a boarding customer based on said boarding reservation information,

means for recording said boarding reservation information and said customer attributes in combination,

means for returning said boarding reservation information and said customer attributes in combination to said boarding reservation terminal,

means for receiving said boarding acceptance information transmitted from said boarding acceptance terminal,

means for storing said boarding acceptance information in said boarder information database, and means for transmitting said boarding acceptance information to said mileage information database device;

wherein said mileage information database device comprises:

a mileage information database storing accumulated miles information and said customer attributes,

means for retrieving said customer attributes from said mileage information database in response to an inquiry about said customer attributes from said boarder information database device,

means for transmitting the retrieved customer attributes to said boarder information database,

means for receiving said boarding acceptance information transmitted from said boarder information database device, and

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means for asking said corporation vs. individual relationship information database device for corporation vs. individual relationship information indicative of whether said boarding customer is employed by a corporation registered for a corporate mileage service, and

mileage information storing means adapted to:

subtract miles included in said boarding information from accumulated miles of said boarding customer if said boarding customer is employed by the corporation registered for the corporate mileage service based on said corporation vs. individual relationship information transmitted from said corporation vs. individual relationship information database device,

add the subtracted miles included in said boarding information to miles of the corporation, and

reflect the result of the subtraction and the addition of the miles included in said boarding information in said mileage information database;

wherein said corporation vs. individual relationship information database device comprises:

a corporation vs. individual relationship information database storing in combination corporate mileage identification numbers of corporations registered for the corporate mileage service and personal mileage identification numbers of individuals employed by the corporations,

means for retrieving corporation vs. individual relationship information from said corporation vs. individual relationship information database in response to an inquiry from said mileage information database device, and

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means for transmitting the retrieved corporation vs. individual relationship information to said mileage information database device.

2. (Previously Presented) A system for performing a mileage service depending on a distance traveled by a vehicle covered by the mileage service, comprising:

a reservation terminal for using the vehicle covered by the mileage service;

an acceptance terminal for using the vehicle covered by the mileage service;

a usage information database device; and

a mileage information database device storing accumulated miles information;

wherein each of the devices and terminals is connected to each other device and terminal by a communication link;

wherein said reservation terminal comprises:

means for accepting a reservation for using the vehicle covered by the mileage service,

means for making a selection that an entity making the reservation is a corporation registered for a corporate mileage service or that the entity making the reservation is an individual, and

means for transmitting reservation details and the selection to said usage information database device;

wherein said acceptance terminal comprises:

means for accepting usage of a mileage-related service or payment of a consideration to use the vehicle covered by the mileage service, and

means for transmitting usage details to said usage information database device;

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wherein said usage information database device comprises:

a usage information database storing information of the usage details of the mileage-related service or the payment of the consideration,

means for receiving said reservation details and said selection,

means for recording said reservation details and said selection, and

means for transmitting said selection and said usage details in combination to said mileage information database device;

wherein said mileage information database device comprises:

a mileage information database storing accumulated miles information,

means for receiving said usage details and said selection transmitted from said usage information database,

means for determining whether miles earned by a usage of the mileage service or the payment of the consideration belong to the corporation or the individual, based on said selection, and

means for storing the earned miles selectively as accumulated miles of the corporation or accumulated miles of the individual in said mileage information database.

3. (Previously Presented) A system according to claim 2, wherein;

a corporate mileage identification number is adapted to be assigned to a corporation which is desirous of being registered for the corporate mileage service,

said corporate mileage identification number and a personal mileage identification number are adapted to be assigned to each one of employees of said corporation, and

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said reservation terminal includes means for transmitting either one of said corporate mileage identification number and said personal mileage identification number depending on whether said reservation is made for a business purpose of said corporation or whether said reservation is made for a personal purpose of one of said employees of said corporation.

4. (Canceled)

5. (Previously Presented) A system for performing a mileage service depending on a distance traveled by a vehicle covered by the mileage service, comprising:

a reservation terminal for using the vehicle covered by the mileage service;

an acceptance terminal for using the vehicle covered by the mileage service;

a usage information database device;

a mileage information database device storing accumulated miles information; and

a corporation vs. individual relationship information database device;

wherein each of the devices and terminals is connected to each other device and terminal by a communication link;

wherein said reservation terminal comprises:

means for accepting a reservation for using the mileage service, and

means for transmitting reservation details to said usage information database device;

wherein said acceptance terminal comprises:

means for accepting usage of a mileage-related service or payment of a consideration to use the vehicle covered by the mileage service, and

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means for transmitting usage details to said usage information database device;

wherein said usage information database device comprises:

a usage information database storing information of the usage details of the mileage-related service or the payment of the consideration,

means for receiving said usage details,

means for storing the received usage details in said usage information database,

and

means for transmitting said usage details to said mileage information database device;

wherein said corporation vs. individual relationship information database device comprises:

a corporation vs. individual relationship information database storing in combination corporate mileage identification numbers of corporations registered for a corporate mileage service and personal mileage identification numbers of individuals employed by the corporations,

means for retrieving corporation vs. individual relationship information from said corporation vs. individual relationship information database in response to an inquiry from said mileage information database device, and

means for transmitting the retrieved corporation vs. individual relationship information to said mileage information database device;

wherein said mileage information database device comprises:

a mileage information database storing accumulated miles information,

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means for receiving said usage details transmitted from said usage information database device,

means for asking said corporation vs. individual relationship information database for corporation vs. individual relationship information indicative of whether a mileage service recipient is employed by one of the corporations or not is not employed by one of the corporations based on said usage details,

means for determining whether miles earned by an employee of the corporation for the usage of the vehicle covered by the mileage service belong to the corporation or the employee, based on said corporation vs. individual relationship information, and

means for storing the earned miles selectively as accumulated miles of the corporation or accumulated miles of the employee in said mileage information database, based on the result determined by the means for determining and said usage details.

6. (Previously Presented) A system for performing a mileage service depending on a distance traveled by a vehicle covered by the mileage service, comprising:

a reservation terminal for using the vehicle covered by the mileage service;

an acceptance terminal for accepting an application for using the vehicle covered by the mileage service;

a usage information database device;

a mileage information database device storing accumulated miles information;

a corporation vs. individual relationship information database device; and

a working information database device;

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wherein each of the devices and terminals is connected to each other device and terminal by a communication link;

wherein said reservation terminal comprises:

means for accepting a reservation for a boarding covered by the mileage service,

and

means for transmitting reservation details to said usage information database device;

wherein said acceptance terminal comprises:

means for accepting usage of the vehicle covered by the mileage service or payment of a consideration to use the vehicle covered by the mileage service, and

means for transmitting usage details to said usage information database device;

wherein said usage information database device comprises:

a usage information database storing information of the usage of the vehicle covered by the mileage service or the payment of the consideration,

means for receiving said usage details, means for storing the received usage details in said usage information database, and

means for transmitting said usage details to said mileage information database device;

wherein said corporation vs. individual relationship information database device comprises:

a corporation vs. individual relationship information database storing in combination corporations registered for a corporate mileage service and personal mileage identification numbers of employees of the corporations,

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means for retrieving added miles recipient information from said corporation vs. individual relationship information database in response to an inquiry from said mileage information database device for information as to whether an individual as an added miles recipient belongs to one of the corporations registered for the corporate mileage service, and

means for transmitting corporation vs. individual relationship information indicative of whether the retrieved added miles recipient is employed by the corporation registered for the corporate mileage service or is not employed by the corporation registered for the corporate mileage service to said mileage information database device;

wherein said working information database device comprises:

a working information database storing working information of the employee, and

means for transmitting the working information in response to an inquiry;

wherein said mileage information database device comprises:

a mileage information database storing accumulated miles information,

means for asking said corporation vs. individual relationship information database for corporation vs. individual relationship information based on said usage details transmitted from said usage information database device,

means for asking said working information database for working information of the employee as the mileage service recipient,

means for determining whether miles earned by the usage of the mileage service or the payment of the consideration belong to the corporation or the employee as a mileage service recipient, based on said working information and said corporation vs. individual relationship information, and

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means for storing the earned miles selectively as accumulated miles of the corporation or as accumulated miles of the employee in said mileage information database, based on a result determined by said means for determining.

7. (Previously Presented) A method of performing a mileage service depending on a distance traveled by a vehicle, comprising the steps of:

registering in combination corporations registered for a corporate mileage service and personal mileage identification numbers assigned to employees of the corporations in a corporation vs. individual relationship information database;

transmitting the personal mileage identification number assigned to one of the employees of one of the corporations when a boarding reservation is made using a boarding reservation terminal;

transmitting boarding acceptance information including boarding details when a boarding process is carried out for a boarder using a boarding acceptance terminal;

receiving said boarding acceptance information and said personal mileage identification number,

adding miles earned by said boarder to accumulated miles of said boarder using said personal mileage identification number as a retrieval key, and

asking said corporation vs. individual relationship information database for information as to whether said boarder is an employee of one of the corporations registered for the corporate mileage service, using said personal mileage identification number as a retrieval key; and

if said boarder is an employee of one of the corporations registered for the corporate mileage service, subtracting miles from accumulated miles of said boarder, adding the subtracted

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miles to accumulated miles of said one of the corporations, and reflecting the subtraction and addition of miles in a mileage information database.

8. (Currently Amended) A method of performing a mileage service depending on a distance traveled by a vehicle covered by the mileage service, comprising the steps of:

determining whether usage of the vehicle covered by the mileage service is for a business of a corporation, based on ~~one of: whether an employee has made a reservation using either a mileage identification number of the corporation or a mileage identification number of the employee, and~~ a comparison between a working date and a working location of the employee and one of a date of reserving and a period of using the vehicle covered by the mileage service;

if the vehicle covered by the mileage service is reserved for the business of the corporation, giving earned miles to the corporation, and

if the vehicle covered by the mileage service is not reserved for the business of the corporation, giving earned miles to the employee.

9. (Previously Presented) The method of performing a mileage service according to claim 8, wherein the determining operation is performed when one of:

the employee of the corporation makes the reservation for usage of the vehicle covered by the mileage service, and

the reservation for using the vehicle covered by the mileage service is accepted.